

GenCore version 5.1.6  
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OM protein - protein search, using sw model  
Run on: August 28, 2003, 18:34:33 ; Search time 15.1515 Seconds  
(without alignments)  
90.276 Million cell updates/sec

Title: US-09-743-225-7  
Perfect score: 55  
Sequence: 1 CATLRYKKG 10  
Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 510680.seqs, 136781880 residues  
Total number of hits satisfying chosen parameters: 510680

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : PublishedApplications\_AA.\*  
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2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*  
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9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*  
12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep.\*  
13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*  
14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*  
15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*  
16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*  
17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	36	65.5	343	9	US-09-802-853-4
2	36	65.5	343	15	US-10-307-385-4
3	35	63.6	193	11	US-09-951-030-2
4	35	63.6	310	8	US-08-964-716-42
5	34	61.8	55	9	US-09-864-761-43890
6	34	61.8	55	9	US-09-864-761-47342
7	34	61.8	345	11	US-09-992-600A-106
8	34	61.8	345	11	US-09-924-340-106
9	34	61.8	345	12	US-09-992-095B-106
10	34	61.8	345	13	US-10-000-489-106
11	34	61.8	345	15	US-10-000-986-106
12	34	61.8	422	12	US-10-017-161-2400
13	34	61.8	449	10	US-09-736-371B-21
14	34	61.8	493	15	US-10-156-761-12011
15	33	60.0	32	9	US-09-864-761-41339

16	33	60.0	110	15	US-10-156-761-11840
17	33	60.0	249	11	US-09-880-748-946
18	33	60.0	293	15	US-10-156-761-11053
19	33	60.0	342	9	US-09-815-242-12104
20	33	60.0	1238	9	US-09-904-065-2
21	33	60.0	1238	9	US-09-904-065-14
22	33	60.0	1240	9	US-09-904-065-4
23	33	60.0	1240	9	US-09-904-065-15
24	33	60.0	1536	15	US-10-043-487-344
25	32	58.2	85	11	US-09-764-891-3128
26	32	58.2	113	11	US-09-899-046-208
27	32	58.2	113	11	US-09-878-281-208
28	32	58.2	119	15	US-10-101-464A-571
29	32	58.2	123	10	US-09-816-248-2
30	32	58.2	123	10	US-09-816-248-4
31	32	58.2	192	15	US-10-252-819-15
32	32	58.2	273	15	US-10-156-761-8512
33	32	58.2	386	10	US-09-839-497A-5
34	32	58.2	914	15	US-10-128-714-8257
35	31	56.4	62	11	US-09-764-891-3592
36	31	56.4	119	10	US-09-736-371B-17
37	31	56.4	119	14	US-10-060-714-17
38	31	56.4	331	9	US-09-854-122-17
39	31	56.4	373	9	US-09-796-487-5
40	31	56.4	381	9	US-09-796-487-1
41	31	56.4	382	9	US-09-784-810A-4
42	31	56.4	382	9	US-09-970-516-6
43	31	56.4	388	9	US-09-817-676A-15
44	31	56.4	388	9	US-09-796-487-2
45	31	56.4	388	9	US-09-796-487-2

## ALIGNMENTS

RESULT 1  
US-09-802-853-4  
; Sequence 4, Application US/09802853  
; Patent No. US20010034049A1  
; GENERAL INFORMATION:  
; APPLICANT: TONOUCHI, NAOTO  
; APPLICANT: SUZUKI, SHUNICHI  
; APPLICANT: YOKOZAKI, KENZO  
; TITLE OF INVENTION: XYLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE THEREOF  
; FILE REFERENCE: 0010-1024-0  
; CURRENT APPLICATION NUMBER: US/09/802,853  
; CURRENT FILING DATE: 2001-03-12  
; PRIOR APPLICATION NUMBER: 09/363,189  
; PRIOR FILING DATE: 1999-07-29  
; PRIOR APPLICATION NUMBER: JP10-216047  
; PRIOR FILING DATE: 1998-07-30  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4  
; LENGTH: 343  
; TYPE: PRT  
; ORGANISM: Gluconobacter oxydans  
US-09-802-853-4

Query Match 55.5% ; Score 36; DB 9; Length 343;  
Best Local Similarity 77.8% ; Pred. No. 39;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CATLRYKKG 9  
DB 153 CAGLTIVKKG 161

RESULT 2  
US-10-307-385-4  
; Sequence 4, Application US/10307385  
; Publication No. US2003007797A1

GENERAL INFORMATION:  
APPLICANT: SUGIYAMA, WAKAZAKI  
APPLICANT: TONOUCHI, NAOTO  
APPLICANT: SUZUKI, SHUNICHI  
APPLICANT: YOROZAKI, KENZO  
TITLE OF INVENTION: XYLOLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE THEREOF  
FILE REFERENCE: 0010-1024-0  
CURRENT APPLICATION NUMBER: US/10/307,385  
CURRENT FILING DATE: 2002-12-02  
PRIOR APPLICATION NUMBER: US/09/363,189  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: JP10-216047  
PRIOR FILING DATE: 1998-07-30  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4  
LENGTH: 343  
TYPE: PRT  
ORGANISM: Gluconobacter oxydans  
US-10-307-385-4

Query Match 65.5%; Score 36; DB 15; Length 343;  
Best Local Similarity 77.8%; Pred. No. 39;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CATLRVYKG 9  
DB 153 CAGLTIVYKG 161  
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RESULT 3  
US-09-951-030-2  
Sequence 2, Application US/09951030  
Publication No. US20030049258A1  
GENERAL INFORMATION:  
APPLICANT: Ungerer, Dr. Martin  
TITLE OF INVENTION: Method of increasing the contractility of a heart, a heart muscle  
FILE REFERENCE: 9286.5  
CURRENT APPLICATION NUMBER: US/09/951,030  
CURRENT FILING DATE: 2001-09-11  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 2  
LENGTH: 193  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-951-030-2

Query Match 63.6%; Score 35; DB 11; Length 193;  
Best Local Similarity 87.5%; Pred. No. 33;  
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 TLRYVYKG 10  
DB 136 TLLVYKG 143  
||| |||||

RESULT 4  
US-08-964-716-42  
Sequence 42, Application US/08964716  
Publication No. US20030049243A1  
GENERAL INFORMATION:  
APPLICANT: Liu, Chi-Li  
APPLICANT: Adams, Lee F.  
APPLICANT: Lufburrow, Patricia A.  
APPLICANT: Thomas, Michael D.  
TITLE OF INVENTION: NOVEL BACILLUS THURINGIENSIS STRAINS  
TITLE OF INVENTION: ACTIVE AGAINST LEPIDOPTERAN AND COLEOPTERAN PESTS  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NO. US20030049243A1o No. US20030049243A1disk of No. US20030049243A11th  
STREET: 405 Lexington Avenue, 64th Floor

GENERAL INFORMATION:  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Tape  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/964,716  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/337,358  
FILING DATE:  
APPLICATION NUMBER: US 08/264,100  
FILING DATE: 22-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/194,651  
FILING DATE: 09-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/166,391  
FILING DATE: 13-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,073  
FILING DATE: 15-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Agtis Dr. Cheryl H.  
REGISTRATION NUMBER: 34,086  
REFERENCE/DOCKET NUMBER: 3778.230-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 310 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-964-716-42

Query Match 63.6%; Score 35; DB 8; Length 310;  
Best Local Similarity 75.0%; Pred. No. 55;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 ATLRYVYKG 9  
DB 169 ATLQYVYKG 176  
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RESULT 5  
US-09-864-761-43890  
Sequence 43890, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Shaaron G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY  
FILE REFERENCE: Aesomica-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 09/774,203  
PRIOR FILING DATE: 2001-01-29  
NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
SEQ ID NO 43890  
LENGTH: 55  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: MAP TO AC002543.1  
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL - 0.95  
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL - 1.5  
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL - 1.3  
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 1.1  
OTHER INFORMATION: EXPRESSED IN LONG, SIGNAL - 0.93  
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL - 1.1  
OTHER INFORMATION: EST\_HUMAN HIT: AL079360.1, EVALUATE 1.00e-07  
OTHER INFORMATION: SWISSPROT HIT: P32462, EVALUATE 5.30e-01  
US-09-864-761-43890

Query Match 61.8%; Score 34; DB 9; Length 55;  
Best Local Similarity 62.5%; Pred. No. 14;  
Matches 5; Conservative 2; Mismatches 1; Indels 1; Gaps 0;

QY 1 CAILRVYK 8  
| | | | |  
Db 41 CPTLKIYK 48

## RESULT 6

US-09-864-761-47342  
Sequence 47342, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharron G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aescmca-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 09/774,203  
PRIOR FILING DATE: 2001-01-29  
NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
SEQ ID NO 47342  
LENGTH: 55  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: MAP TO AC002543.1  
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL - 0.63  
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL - 0.77  
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 0.47  
OTHER INFORMATION: EST\_HUMAN HIT: AL079360.1, EVALUATE 1.00e-07  
OTHER INFORMATION: SWISSPROT HIT: P32462, EVALUATE 5.30e-01  
US-09-864-761-47342

Query Match 61.8%; Score 34; DB 9; Length 55;  
Best Local Similarity 62.5%; Pred. No. 14;  
Matches 5; Conservative 2; Mismatches 1; Indels 1; Gaps 0;

QY 1 CAILRVYK 8  
| | | | |  
Db 41 CPTLKIYK 48

## RESULT 7

US-09-992-600A-106  
Sequence 106, Application US/09992600A  
Publication No. US20030027161A1  
GENERAL INFORMATION:  
APPLICANT: Benjanin, Stephane  
APPLICANT: Tanaka, Hiroaki  
TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF  
FILE REFERENCE: 91.USA.DIV  
CURRENT APPLICATION NUMBER: US/09/992,600A  
CURRENT FILING DATE: 2001-11-13  
PRIOR APPLICATION NUMBER: US 09/924,340  
PRIOR FILING DATE: 2001-08-06  
PRIOR APPLICATION NUMBER: PCT/IB01/01715  
PRIOR FILING DATE: 2001-08-06  
PRIOR APPLICATION NUMBER: US 60/305,456

; PRIOR FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/302,277  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: US 60/298,698  
; PRIOR FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: US 60/293,574  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 114  
; SOFTWARE: JPatent  
; SEQ ID NO 106  
; LENGTH: 345  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: 1..19  
US-09-992-600A-106

Query Match 61.8%; Score 34; DB 11; Length 345;  
Best Local Similarity 100.0%; Pred. No. 98;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ATLRVYK 8  
| | | | |  
Db 151 ATLRVYK 157

RESULT 8  
US-09-924-340-106  
; Sequence 106, Application US/09924340  
; Publication No. US20030027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Benjamin, Stephane  
; APPLICANT: Tanaka, Hiroaki  
; TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF  
; FILE REFERENCE: 91.US2.REG  
; CURRENT APPLICATION NUMBER: US/09/924,340  
; CURRENT FILING DATE: 2001-08-06  
; PRIOR APPLICATION NUMBER: US 60/305,456  
; PRIOR FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/302,277  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: US 60/298,698  
; PRIOR FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: US 60/293,574  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 112  
; SOFTWARE: JPatent  
; SEQ ID NO 106  
; LENGTH: 345  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: 1..19  
US-09-924-340-106

Query Match 61.8%; Score 34; DB 11; Length 345;  
Best Local Similarity 100.0%; Pred. No. 98;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ATLRVYK 8  
| | | | |  
Db 151 ATLRVYK 157

RESULT 9  
US-09-992-095B-106  
; Sequence 106, Application US/09992095B  
; Publication No. US20030157485A1  
; GENERAL INFORMATION:  
; APPLICANT: Benjamin, Stephane  
; APPLICANT: Tanaka, Hiroaki

; TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF  
; FILE REFERENCE: 91.US5.DIV  
; CURRENT APPLICATION NUMBER: US/09/992,095B  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 09/924,340  
; PRIOR FILING DATE: 2001-08-06  
; PRIOR APPLICATION NUMBER: PCT/IB01/01715  
; PRIOR FILING DATE: 2001-08-06  
; PRIOR APPLICATION NUMBER: US 60/305,456  
; PRIOR FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/302,277  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: US 60/298,698  
; PRIOR FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: US 60/293,574  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 112  
; SOFTWARE: JPatent  
; SEQ ID NO 106  
; LENGTH: 345  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: 1..19  
US-09-992-095B-106

Query Match 61.8%; Score 34; DB 12; Length 345;  
Best Local Similarity 100.0%; Pred. No. 98;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 ATLRVYK 8  
| | | | |  
Db 151 ATLRVYK 157

RESULT 10  
US-10-000-489-106  
; Sequence 106, Application US/100000489  
; Publication No. US20030092011A1  
; GENERAL INFORMATION:  
; APPLICANT: Benjamin, Stephane  
; APPLICANT: Tanaka, Hiroaki  
; TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF  
; FILE REFERENCE: 91.US6.DIV  
; CURRENT APPLICATION NUMBER: US/10/000,489  
; CURRENT FILING DATE: 2001-11-14  
; PRIOR APPLICATION NUMBER: US 09/924,340  
; PRIOR FILING DATE: 2001-08-06  
; PRIOR APPLICATION NUMBER: PCT/IB01/01715  
; PRIOR FILING DATE: 2001-08-06  
; PRIOR APPLICATION NUMBER: US 60/305,456  
; PRIOR FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/302,277  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: US 60/298,698  
; PRIOR FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: US 60/293,574  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 112  
; SOFTWARE: JPatent  
; SEQ ID NO 106  
; LENGTH: 345  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: 1..19  
US-10-000-489-106

Query Match 61.8%; Score 34; DB 15; Length 345;  
Best Local Similarity 100.0%; Pred. No. 98;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      2  ATLRYVK 8
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Db     151  ATLRYVK 157

RESULT 11
US-10-000-986-106
; Sequence 106, Application US/10000986
; Publication No. US20030096247A1
; GENERAL INFORMATION:
; APPLICANT: Benjamin, Stephane
; APPLICANT: Tanaka, Hiroaki
; TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
; FILE REFERENCE: 91.US9.DIV
; CURRENT APPLICATION NUMBER: US/10/000,986
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: US 09/924,340
; PRIOR FILING DATE: 2001-08-06
; PRIOR APPLICATION NUMBER: PCT/IB01/01715
; PRIOR FILING DATE: 2001-08-06
; PRIOR APPLICATION NUMBER: US 60/305,456
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/302,277
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/298,698
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/293,574
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: JPatent
; SEQ ID NO 106
; LENGTH: 345
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..19
US-10-000-986-106

Query Match      61.8%; Score 34; DB 15; Length 345;
Best Local Similarity 100.0%; Pred. No. 98;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2  ATLRYVK 8
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Db     151  ATLRYVK 157

RESULT 12
US-10-017-161-2400
; Sequence 2400, Application US/10017161
; Publication No. US20030143668A1
; GENERAL INFORMATION:
; APPLICANT: SUWA, MAKINO
; APPLICANT: ASAI, KIYOSHI
; APPLICANT: AKIYAMA, YUTAKA
; APPLICANT: ABURATANI, HIROYUKI
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 084335/0152
; CURRENT APPLICATION NUMBER: US/10/017,161
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: JP 2001/246789
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 2430
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2400
; LENGTH: 422
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (17)
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; OTHER INFORMATION: Variable amino acid
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (25)
; OTHER INFORMATION: Variable amino acid
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (187)
; OTHER INFORMATION: Variable amino acid
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (239)
; OTHER INFORMATION: Variable amino acid
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (375)
; OTHER INFORMATION: Variable amino acid
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (396)
; OTHER INFORMATION: Variable amino acid
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (405)
; OTHER INFORMATION: Variable amino acid
; US-10-017-161-2400

Query Match      61.8%; Score 34; DB 12; Length 422;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1  CATLRVYKGG 10
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Db     259  CAARLFRGG 268

RESULT 13
US-09-736-371B-21
; Sequence 21, Application US/09736371B
; Patent No. US20020131968A1
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Frewin, Mark
; TITLE OF INVENTION: AGLYCOSYLATED ANTIBODIES
; FILE REFERENCE: Waldmann
; CURRENT APPLICATION NUMBER: US/09/736,371B
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 9815909.8
; PRIOR FILING DATE: 1998-07-21
; PRIOR APPLICATION NUMBER: PCT/GB99/02380
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 449
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-736-371B-21

Query Match      61.8%; Score 34; DB 10; Length 449;
Best Local Similarity 60.0%; Pred. No. 1.3e+02;
Matches 6; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1  CATLRVYKGG 10
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Db     96  CAKFRQYSGG 105

RESULT 14
US-10-156-761-12011
; Sequence 12011, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
```

; APPLICANT: OMURA, SATOSHI  
; APPLICANT: IKEDA, HARUO  
; APPLICANT: ISHIKAWA, JUN  
; APPLICANT: HORIKAWA, HIROSHI  
; APPLICANT: SHIBA, TADAYOSHI  
; APPLICANT: SAKAKI, YOSHIYUKI  
; APPLICANT: HATTORI, MASAHIRA  
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES  
; FILE REFERENCE: 249-262  
; CURRENT APPLICATION NUMBER: US/10/156,761  
; CURRENT FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: JP 2001-204089  
; PRIOR FILING DATE: 2001-05-30  
; PRIOR APPLICATION NUMBER: JP 2001-272697  
; PRIOR FILING DATE: 2001-08-02  
; NUMBER OF SEQ ID NOS: 15109  
; SEQ ID NO 12011  
; LENGTH: 493  
; TYPE: PRT  
; ORGANISM: Streptomyces avermitilis  
US-10-156-761-12011

Query Match 61.8%; Score 34; DB 15; Length 493;  
Best Local Similarity 66.7%; Pred. NO. 1.4e+02;  
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 ATLRVYKGG 10  
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Db 190 STIIVYKGG 198

RESULT 15  
US-09-864-761-41339  
; Sequence 41339, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Haezel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aecm1ca-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 41339  
; LENGTH: 32  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AC025539.2  
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.6  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.9  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.8  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.7  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.5  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.3  
US-09-864-761-41339

Query Match 60.0%; Score 33; DB 9; Length 32;  
Best Local Similarity 50.0%; Pred. No. 12;  
Matches 5; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 CATLRVYKGG 10  
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Db 12 CGTLATWGG 21

Search completed: August 28, 2003, 18:42:02  
Job time : 16.1515 secs